Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

ıme of Work: Detailed Estimated for Construction of RCC Drain Opp to Anjaneya Temple, Abbigere Village, in Ward No-12, Shettyhalli Sub Division.

Est .Cost Rs. 40.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	Dismantling size stone masonry in clay mortar /lime mortar/Cement mortar and stacking the size stone within a radius of 50m and removing the Debris to a distance upto 200m. Page No. 268/ Item No. 37.48/ PWD SR 2011-12	Cum							
			2	58.00	0.60	0.90	62.64		
							62.64	130.68	**8186.00**
	Basic Rate	121.00							
	Area Weightage 8%	9.68							
		130.68							
2	KSRB-2-2:1 Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(a)/ 2.3.5, Page No. 5/ Item No. 2.3 / PWD SR 2011-12	Cum							
	RCC Drain at Abbigere village		1	250.00	1.30	1.40	455.00		
			1	77.00	1.30	1.40	140.14		
	Culvert — do —		1	12.00	2.30	1.20	33.12		
	Culvert nanJappaBadavane		4	6.50	2.30	1.20	71.76		
							700.02	144.72	**101307.00**
	Basic Rate	134.00							
	Area Weightage 8%	10.72							
		144.72							
3	KSRB 4-1.2: Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.2/ PWD SR 2011-12	Cum							
	RCC Drain		1	250.00	1.20	0.15	45.00		
			1	77.00	1.20	0.15	13.86		
	Culvert		1	12.00	2.10	0.15	3.78		
	Culvert		4	6.50	2.10	0.15	8.19		
							70.83	4012.20	**284184.00**
	Basic Rate	3715.00							
	Area Weightage 8%	297.20							

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-73

	Total	4012.20								
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 ,P.13/I.4.11	Cum								
	Walls		2x1	250.00	0.15	1.20	90.00			
	Bed		1	250.00	0.90	0.15	33.75			
	Walls		2x1	77.00	0.15	1.20	27.72			
	Bed		1	77.00	0.90	0.15	10.40			
	For Side Walls		1x2	12.00	(0.75+0.45)/2	1.00	14.40			
			4x2	6.50	(0.75+0.45)/2	1.00	31.20			
	For Rcc Drain Covering		1	250.00	1.20	0.15	45.00			
			1	77.00	1.20	0.15	13.86			
							266.33			
	For Culvert Covering		1	12.00	2.00	0.23	5.52			
	For Culvert Covering		4	6.50	2.00	0.23	11.96			
							17.48			
	Basic Rate	4674.00					**283.81**	5047.92	**1432625.00**	
	Area Weightage 8%	373.92							1432650.00	
	Total	**5047.92**								
5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2011-12	Qtls								
							159.80			
							17.48			
	For RCC Covering at 100 Kg/Cum						**177.28**	6382.80	**1131511.00**	
									1131542.00	
	Basic Rate	5910.00								
	Area Weightage 8%	472.80								
	Total	**6382.80**								

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6	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters,buttresses, plinth and string courses cost of all materials, labour complete as per specification. Specification No. KSRB 4.6.9 Page No. 17/ Item No. 4.36/ PWD SR 2011-12	Sqm							
	Walls		2x2	250.00		1.20	1200.00		
			2x2	77.00		1.20	369.60		
	For Culvert Walls		2x4	12.00		0.90	86.40		
	For Culvert Walls		4x4	6.50		0.90	93.60		
							1749.60	555.12	**971238.00**
	Basic Rate	514.00							
	Area Weightage 8%	41.12							
		555.12							
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.147 I.18.57/1)	Cum							
	Qty Vide Item No=1						**700.02**		
	Qty Limited to						**700.02**	100.35	**70250.00**
	Basic Rate	25.60							
	Loading and Unloading Charges	67.32							
		92.92							
	Area Weightage @ 8%	7.43							645.60
	Total	**100.35**						1	**699**
8	Miscellaneous and unforseen Charges								
								Total	**4000000**
	(Rupees Forty Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2011-12
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

A/S

ನಂ. JC(DH) AS 296/12-13 ದಿನಾಂಕ : 17/08/12
ರೂ. 40.00 Lakhs (Rupees Forty Lakhs only)
Page No. 003
SL. NO 296
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. 37/12-13 ದಿನಾಂಕ : 18/08/12
ರೂ. 40.00 Lakhs (Rupees Forty Lakhs only)
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು